

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

G E R

ASER PRODUCT

1 CFR1040.10 and 1040.11 electronics Tech. Co., Ltd. (CNI) h. Zone. Chang.chun. China

UV-C-320/1~20mW

SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE CW UV LASER

All solid state 320nm UV laser is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, measurement, physics experiment, laser rapid modeling, etc.



Central wavelength (nm)	320 ± 1	
Operating mode	CW	
Output power (mW)	>1, 2,, 20	
Power stability (rms, over 4 hours)	<10%	
Transverse mode	Near TEM ₀₀	
M ² factor	<2.0	
Beam diameter at the aperture (mm)	~1.5	
Beam divergence, full angle (mrad)	<2.5	
Polarization ratio	>50:1 Horizontal	
Warm-up time (minutes)	<10	AVOID EXPOSURE: Las
Beam height from base plate (mm)	45	
Operating temperature (°C)	10~35	LASE RADIA
Spectral purity	>99%	PEAKPOWER
Power supply (90-264VAC)	PSU-H-FDA	CLASS III
Expected lifetime (hours)	10000	This device complies Changelum New Industri
Warranty period	1 year	888 JinHu Road H

